INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, KOTTAYAM

Cyber Security and Information Security Labs (CyberLabs)
Department of CSE - Cyber Security

In collaboration with
Department of CSE

INDIAN INSTITUTE OF TECHNOLOGY MADRAS

presents

Three Days Workshop
December 1st - 3rd, 2022

Advanced Cyber Security and Cryptography: Possibilities and Challenges

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ABOUT IIIT KOTTAYAM

Indian Institute of Information Technology, Kottayam at Valavoor, Pala, Kerala is one among the IIITs that have been established as "Institutions of National Importance" by Ministry of Education, Govt. of India under the ambit of IIIT (PPP) Act 2017. IIIT Kottayam campus is situated at Valavoor, Pala, Kottayam - a picturous location, spread over in 53 acres of land - allotted by Govt. of Kerala in the southern part of the state commonly referred to as God's Own Country. The institute offers a 4 year B.Tech and B.Tech (Hons) program with specialized courses. B.Tech in CSE, CSE with specialization in Cyber Security, Computer Science and Engineeirng with specialization in AI and Data Science, ECE. Institute also offers Ph.D programs in CSE, ECE and Mathematics as well as M.Tech programme in (1) AI & Data Science for working professionals (2) Cyber Security for working professionals (3) CSE with Specialization in Big Data & ML for the working professionals. The UG students are admitted against the JoSAA/CSAB counselling against the JEE main rank list.

ADDRESS

Indian Institute of Information Technology Kottayam,
Valavoor P.O, Pala,
Kottayam-686635, Kerala
Visit us at www.iiitkottayam.ac.in

ORGANIZING COMMITTEE

Chief Patron
Prof. (Dr.) Rajiv V Dharaskar, Director, IIIT Kottayam

Patron(s)
Dr. M. Radhakrishnan, Registrar, IIIT Kottayam
Prof. P. Mohanan, Professor In-charge (Academics), IIIT Kottayam

Co - Patron
Dr. Chester Rebeiro, Asssociate Professor, IIT Madras
Dr. Ebin Deni Raj, Associate Dean (Academic Affairs), IIIT Kottayam

👤 CONTACT
Program Co-ordinators

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IMPORTANT DATES
Registration Opens: **15th November 2022**
Late Date of Registration: **25th November 2022**

RESOURCE PERSONS

Distinguished and well experienced National and International faculty members from IIT Madras and IIIT Kottayam will be the resource persons for this FDP. A detailed programme schedule will be informed in due course. The list of experts are as follows:

- Dr. Chester Rebeiro, IIT Madras
- Dr. Aishwarya T, IIT Madras
- Dr. Santanu Sarkar, IIT Madras
- Dr. Shweta Agarwal, IIT Madras
- Dr. John Augustine, IIT Madras
- Dr. Nilotpal Chakraborty, IIIT Kottayam
- Dr. Amit, IIIT Kottayam
- Dr. Panchami V, IIIT Kottayam
- Dr. E. Silambarasan, IIIT Kottayam
- Dr. Lavanya Settipalli, IIIT Kottayam
- Ms. Mahima Mary Mathews, IIIT Kottayam
- Dr. Ezhil Kalaimannan , Unirversity of West Florida, United States

TARGETED PARTICIPANTS

Maximum number : 150
Faculty members from Institutes/ colleges/ university departments who are teaching UG/PG science and engineering, working professionals, Research scholars, and M.E/ MTech/ M.Sc Students and B.E/ B-Tech Students can attend.

SELECTION

Participants will be selected on a first-come-first-served basis. The selected participants will be intimated through e-mail. The FDP will be fully conducted offline.

REGISTRATION & PARTICIPATION FEE

Participation Fee (External Candidates): **INR 1500.**
There is no registration fee for the internal candidates and registration is not required. The external candidates should register by filling out the Google form on the website or scanning the QR code given below. To register, please visit the website: www.cyberlabs@iiitkottayam.ac.in

REGISTER NOW!

ABOUT THE PROGRAM

This FDP is designed to provide state-of-art trends and advancements in Cyber Security and Cryptography. The FDP will focus on theoretical aspects as well as on providing hands-on experience to the participants. Cyber Security and Cryptography are becoming increasingly important in today's networked world and are impacting every aspect of society including finance, healthcare, government, education, arts, and entertainment.

VISION AND SCOPE

The main objective of this workshop is to expose the cutting-edge frontiers of research and development in Cyber Security and Cryptography. The principal focus of this workshop would be to discuss the following topics: Hardware security, Advanced Cryptography, Cloud Security, Blockchain Technology and Cryptocurrency, Quantum Computing and Security, Cyber Physical Systems from the perspective of providing security awareness and its best practices for the real world. Moreover, this workshop also helps to explore possible avenues for collaboration among researchers.